

National Electric Code Update Course

- **Course Sponsor:** Industrial Safety Equipment
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4050 South Howick Street, #4E
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E-mail: debbie@indsafetyequip.com
- **Class Duration:** 16 Hours (2- Eight Hour Class Days)
- **Participants:** Journeyman or Master Electricians
- **Class Format:** Classroom Lecture
- **Course Outline Day 1:**
 - National Electric Code Update (2014 Edition) **8 HOURS**
 - Analysis of Changes (IAEI & NFPA)
 - Review and Discussion
- **Course Outline Day 2:**
 - NFPA 70E Overview **4 HOURS**
 - Creating an electrical safe work condition
 - Guidelines for OSHA compliance
 - Arc Flash Safety Program
 - Arc Flash Hazards Analysis
 - Arc Flash Labeling
 - PPE
 - Arc Flash Training
 - Tools for use on energized equipment
 - Understand and describe electric shock and arc hazards
 - Vendor related topics latest technology
 - Differential Protection
 - Arc Suppression Equipment
 - Switched Instantaneous Trip Modifications
 - Electrical Construction for Industry **4 HOURS**
 - Power protection systems and grounding installations for construction
 - Earth Testing (Techniques and Equipment)
 - Ground, Grounded, Grounding, and Bonding based on NEC Code
 - Hazardous Location Installation and NEC Code
- **Instructor:** Bill Bonini
Journeyman Electrician (WY J-3981 1988)
Electrical Engineer (University Wyoming 1993)
Western Wyoming Community College Instructor (2011)